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1AP5 Rec'd PCT/PTO 31 MAR 2006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

:

Yasuhiro TADA et al.

: **Mail Stop: PCT**

Serial No. NEW

: Attorney Docket No. 2006-0371A

Filed March 31, 2006

:

VINYLIDENE FLUORIDE BASED  
RESIN POROUS HOLLOW YARN AND  
METHOD FOR PRODUCTION THEREOF

[Corresponding to PCT/JP2004/014416

Filed September 24, 2004]

THE COMMISSIONER IS AUTHORIZED  
TO CHARGE ANY DEFICIENCY IN THE  
FEE FOR THIS PAPER TO DEPOSIT  
ACCOUNT NO. 23-0975.

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

Pursuant to the provisions of 37 CFR 1.56, 1.97 and 1.98, Applicants request consideration of the references listed on attached form PTO-1449 and any additional information identified below in paragraph 3. A legible copy of each reference listed on the Form PTO-1449 is enclosed, except a copy is not provided for:

- each U.S. Patent and U.S. Patent application publication;
- each reference previously cited in the international application PCT/\_\_\_\_\_; and/or
- each reference previously cited in prior parent application Serial No. \_\_\_\_\_

1a.  This Information Disclosure Statement is submitted:

within three months of the filing date (or of entry into the National Stage) of the above-entitled application, or

10/574111

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before the mailing of a first Office Action on the merits or the mailing of a first Office Action after the filing of an RCE,

**and thus no certification and/or fee is required.**

1b.  This Information Disclosure Statement is submitted  
after the events of above paragraph 1a and prior to the mailing date of a final Office Action or a Notice of Allowance or an action which otherwise closes prosecution in the application, and thus:  
(1)  the certification of paragraph 2 below is provided, **or**  
(2)  the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.

1c.  This Information Disclosure Statement is submitted:  
after the mailing date of a final Office Action or Notice of Allowance or action which otherwise closes prosecution in the application, and prior to payment of the issue fee, and thus:  
**the certification of paragraph 2 below is provided, and**  
**the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.**

2. It is hereby certified

- a.  that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the Statement, or
- b.  that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual designated in §1.56(c) more than three months prior to the filing of the Statement.

10/574111  
IAP5 Rec'd PCT/PTO 31 MAR 2006

3.  Consideration of the following list of additional information (including any copending or abandoned U.S. application, prior uses and/or sales, etc.) is requested.
4. For each non-English language reference listed on the attached form PTO-1449, reference is made to:
  - a.  a full or partial English language translation submitted herewith,
  - b.  a foreign patent office search report (International Search Report) (in the English language) submitted herewith,
  - c.  the concise explanation contained in the specification of the present application at page,
  - d.  the concise explanation set forth in the attached English language abstract,
  - e.  the concise explanation set forth below or on a separate sheet attached to the reference:
5.  A foreign patent office search report (International Search Report) citing one or more of the references is enclosed.

Respectfully submitted,

Yasuhiro TADA et al.

By:



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March 31, 2006

IAP5 Rec'd PCT/PTO 31 MAR 2006

FORM PTO 1449 (modified)

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT(S)  
(Use several sheets if necessary)

Date Submitted to PTO: March 31, 2006

ATTY DOCKET NO.  
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NEW

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APPLICANT  
Yasuhiro TADA et al.FILING DATE  
March 31, 2006

GROUP

## U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL |    | DOCUMENT NUMBER | DATE    | NAME          | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|-------------------|----|-----------------|---------|---------------|-------|----------|----------------------------|
|                   | AA | 5,626,805       | 5/1997  | Meguro et al. |       |          |                            |
|                   | AB | 4,623,670       | 11/1986 | Mutoh et al.  |       |          |                            |
|                   | AC |                 |         |               |       |          |                            |
|                   | AD |                 |         |               |       |          |                            |
|                   | AE |                 |         |               |       |          |                            |

## FOREIGN PATENT DOCUMENTS

|  |    | DOCUMENT NUMBER | DATE    | COUNTRY | CLASS | SUBCLASS | TRANSLATION YES NO |
|--|----|-----------------|---------|---------|-------|----------|--------------------|
|  | AF | 7-173323        | 7/1995  | Japan   |       |          |                    |
|  | AG | 01/28667        | 4/2001  | WO      |       |          |                    |
|  | AH | 2000-309672     | 11/2000 | Japan   |       |          |                    |
|  | AI | 61-233026       | 10/1986 | Japan   |       |          |                    |
|  | AJ | 9-324067        | 12/1997 | Japan   |       |          |                    |
|  | AK | 2001-179062     | 7/2001  | Japan   |       |          |                    |
|  | AL | 2001-87633      | 4/2001  | Japan   |       |          |                    |
|  | AM | 2003-210954     | 7/2003  | Japan   |       |          |                    |
|  | AN |                 |         |         |       |          |                    |

## OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

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| AO |  |
| AP |  |
| AQ |  |

EXAMINER

DATE CONSIDERED